U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Peperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless 8 dis-

Q (b). α (c))	T	N AS I	FILED -	DADI									Application or Docket Number			
(b). or (c))	1)	PART I (Column 2)			SMALL ENTITY		o	OTI R SMA	OTHER THAN SMALL ENTITY					
(b). or (c))	1 ~~	NUMBER FLED		MUMBER EXTRA			RATE (1)			7						
· · · · · · · · · · · · · · · · · · ·		NA		NIA		\dashv	NA	~~	50.00	\dashv	RATE (1		LEE U			
SEARCH FEE		N/A		NIA		\dashv	 			4	NIA	30	00.00			
()7 CFR 1 18(U, (I), or (M)) EXAMINATION FEE						4	N/A		250	4	NIA	\$	500			
(37 CFR 1 18(0), (0), or (0)) TOTAL CLAIMS				tilA		_	N/A	- \$	100		NA	\$2	200			
(37 OFR + 16(i))		65 minus 20 .					X\$ 25	\cdot		7 ~	X\$50					
INDEPENDENT CLAIMS (37 OFR 1 16(n))		7 minus 3 •		• .		7	X100			┧ ∽	` 	+-				
FEE (3) OFR 1 16(4)) sheets of paper, the a lis \$250 (\$125 for small additional 50 sheets of				lication intity) for action	size fee due or each thereof See						1200					
MULTIPLE DEPENDENT CLASH PRESENT (37 OF 1 164))						11	+180=	1		1	+360+	+-				
in column	l is loss the	nn 2 0 10,	enter "O" è	column	12.	.	TOTAL	1		1	TOTAL	+-				
PPLICATI	ON AS A	AMEN	DED - F	PARTI	ſ						·	<u> </u>				
			(Col	umn 2)	(Column 3)		· SMALL	. ENTIT	Υ	OR						
REM	AINING TER		NUMB! PREVIOU		ER PRESENT JSLY EXTRA		RATE (S)	no	NAL		RATE (S)	A TK	DOI:			
6	5	Minus	165		•	×	\$ 25		34		X\$50	FE	E (8)			
7	,	Minus	1				(100	 	+	OR	<u> </u>	 -				
Total (37 CFR 1.18(1)) AMENDMENT PREVIOUSLY EXT PAID FOR (37 CFR 1.18(1)) Application. Size Fee (37 CFR 1.16(s))					<u> </u>	 -		 -	\vdash	OR	1,200 -	-/	<u>/</u>			
FIRST PRESENTATION OF MATIPLE DEPENDENT CLAIM (37 CFR 1.16())							180=		H	00	+360=	-				
.										OR	TOTAL ADD'L FEE	/				
	_				(Column 3)	_			,	_						
AFTE	R		NUMB! PREVIOU	ER JSLY	PRESENT EXTRA	R	LATE (S)	TION	AL		RATE (\$)	TION	VAL			
<u> </u>	N	linus	••		E	X	\$ 25 _	, 55 (Y\$50	FEE	(a)			
1	М	linus		_	•	-		·		``` -						
o Fee (37 C	FR 1.16(s)					-			┦ '	OR L	X200 .					
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.160)							180=	_	┥.	<u>.</u>	+360-	·	\dashv			
									┦ '	L			—			
olumn 1 k k	ss than the	Anter 3-			.					OR A	TOTAL NDD'L FEE					
	ENDENT CO. ENDENT CO. In column PLICATI (Column PLICATI (Column CLAII REMAII AFTE AMENDY Fee (37 C ATION OF ME COLUMN ATTON OF ME COLUMN CLAII REMAII AFTE AMENDY ATTON OF ME COLUMN CLAII CL	SIZE Sheets of the special spe	T CLAIMS T CLAIMS If the specificate sheets of paper is \$250 (\$125 for additional 50 sheets of \$250 (\$125 for additional 50 sheets of \$250 (\$125 for additional 50 sheets of \$35 U.S.C. 41(a) ENDENT CLABM PRESENT () FINDENT CLABM PRESENT () FINDENT CLABM PRESENT () CLAIMS REMAINING AFTER AMENDMENT CLAIMS REMAINING AFTER AMENDMENT CLAIMS REMAINING AFTER AMENDMENT Minus CLAIMS REMAINING AFTER AMENDMENT Minus FOR (37 CFR 1.16(s)) ATION OF MALTIPLE DEPENDEN COLUMN 1 CLAIMS REMAINING AFTER AMENDMENT Minus FOR (37 CFR 1.16(s)) ATION OF MALTIPLE DEPENDEN COLUMN 1 COLUMN 1 CLAIMS REMAINING AFTER AMENDMENT Minus FOR (37 CFR 1.16(s))	T CLAIMS If the specification and of sheets of paper, the apples of paper, the apples of paper, the apples \$250 (\$125 for amate additional 50 sheets or in 35 U.S.C. 41(a)(1)(G) and ENDENT CLABM PRESENT (37 GFR 1.16 and column 1 is less than zero, enter "O" in Column 1) CLAIMS REMAINING ANTER AMENDMENT CLAIMS REMAINING AMENDMENT CCOlumn 1) CCOlumn 1) CCOLUMN (Column 1) (Column 2) (Column 3) (Column 4) (Column 4) (Column 5) (Column 5) (Column 6) (Column 1) (Column	TCLAIMS If the specification and drawing sheets of paper, the application is \$250 (\$125 for small entry) in additional 50 sheets or fraction 35 U.S.C. 41(a)(1)(G) and 37 C ENDENT CLABM PRESENT (37 GR 1.16(j)) In column 1 is less than zero, enter 'U' in column in column 1 is less than zero, enter 'U' in column in column 1) CLAIMS REMAINING AFTER AMENDMENT CLAIMS REMAINING AFTER AFTER AFTER AFTER AMENDMENT CLAIMS REMAINING AFTER AFTER AMENDMENT Minus COlumn 2) CLAIMS REMAINING AFTER AMENDMENT Minus Minu	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). ENDENT CLABM PRESENT (37 CFR 1.16(j)) In column 1 is less than zero. enter 'O' in column 2. PPLICATION AS AMENDED - PART II (Column 1) (Column 2) (Column 3) CLAIMS REMAINING AFTER AMENDMENT PARD FOR Minus " PARD FOR (Column 1) (Column 2) (Column 3) Fize Fee (37 CFR 1.16(s)) NTATION OF MARTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) (Column 1) (Column 2) (Column 3) CLAIMS REMAINING AFTER AMENDMENT PREVIOUSLY PAID FOR (Column 1) (Column 2) (Column 3) (Column 1) (Column 2) (Column 3) (Column 1) (Column 2) (Column 3) MITATION OF MARTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) ATION OF MARTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) ATION OF MARTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) ATION OF MARTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for amail entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). ENDENT CLABM PRESENT (37 CFR 1.16(j)) In column 1 is less than zero, enter 'V' in column 2. PLICATION AS AMENDED - PART II (Column 1) (Column 2) (Column 3) CLAIMS REMAINING AFTER PREVIOUSLY EXTRA PAID FOR Minus "	TCLAIMS TCLAIMS TCLAIMS TCLAIMS TOTAL SIZE If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for amaß entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). ENDENT CLABM PRESENT (37 CFR 1.16(y)) FINDENT CLAIMS REMAINING PREVIOUSLY PAND FOR TOTAL ADDITEE (Column 1) CLAIMS REMAINING NUMBER PRESENT PRESENT PREVIOUSLY PAND FOR TOTAL ADDITEE TOTAL ADDITEE CLAIMS REMAINING PREVIOUSLY PRESENT PREVIOUSLY PAND FOR AMENDMENT PREVIOUSLY PAND FOR TOTAL ADDITEE SUMMING NUMBER PRESENT PRESENT PREVIOUSLY PAND FOR TOTAL ADDITEE SUMMING NUMBER PRESENT PREVIOUSLY PAND FOR TOTAL ADDITEE SUMMING NUMBER PREVIOUSLY PAND FOR TOTAL ADDITEE SUMMING PREVIOUSLY PAID FOR IN THIS SPACE is less than 20, enter '20'.	T CLAIMS If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). ENDENT CLAIM PRESENT (37 CFR 1.16(j)) In column 1 is loss than zero, enter 'V' in column 2. PULICATION AS AMENDED - PART II (Column 1) (Column 2) (Column 2) (Column 3) (Column 3) (Column 4) (Column 4) (Column 5) (Column 6) (Column 7) (Column 7) (Column 8) (Column 8) (Column 8) (Column 9) (Column 9) (Column 9) (Column 1) (Column 2) (Column 3) (Column 3) (Column 1) (Column 1) (Column 1) (Column 1) (Column 2) (Column 3) (Column 1) (Column 1) (Column 1) (Column 1) (Column 2) (Column 3) (Column 1) (Column 1) (Column 2) (Column 3) (Column 3) (Column 1) (Column 1) (Column 2) (Column 3) (Column 1) (Column 1) (Column 2) (Column 3) (Column 3) (Column 1) (Column 1) (Column 2) (Column 3) (Column 3) (Column 3) (Column 4) (Column 1) (Column 1) (Column 2) (Column 3) (Column 3) (Column 4) (Column 1) (Column 1) (Column 2) (Column 3) (Column 3) (Column 4) (Column 1) (Column 1) (Column 2) (Column 3) (Column 3) (Column 4) (Column 1) (Column 1) (Column 2) (Column 3) (Column 3) (Column 4) (Column 1) (Column 1) (Column 2) (Column 3) (Column 3) (Column 3) (Column 3) (Column 4) (Column 1) (Column 1) (Column 2) (Column 3) (Column 3) (Column 4) (Column 1) (Column 1) (Column 1) (Column 2) (Column 3) (Column 3) (Column 4) (Column 1) (Column 2) (Column 1) (Column 1) (Column 2) (Column 3) (Column 1) (Column 1) (Column 1) (Column 2) (Column 3) (Column 1) (Column 1) (Column 2) (Column 3) (Column 1) (Column 1) (Column 2) (Column 3) (Column 1) (Column 2) (Column 3) (Column 3) (Column 4) (Column 4) (Column 1) (Column 2) (Column 3) (Column 3) (Column 3) (Column 4) (Column 4) (Column 4) (Column	TCLAIMS If the specification and drawings exceed 100 If the specification and the s	T CLAIMS If the specification and drawings exceed 100 aheats of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). ENDENT CLAIM PRESENT (37 CFR 1.16(g)) In column 1 is less than a ero, enter 'U' in column 2. ENDENT CLAIMS REMAINING AATER AMENDMENT INJURGER PRESENT PREVOUSLY AMENDMENT CCAIMS REMAINING AATER AMENDMENT INJURGER PRESENT PREVOUSLY EXTRA PAID FOR CCAIMS REMAINING AATER AMENDMENT AMENDMENT	T CLAIMS If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets of fraction thereof. Set 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). ENDENT CLAIM PRESENT (17 CFR 1.16(s)) In column 1 is less than zero, enter 'V' in column 2. TOTAL PPLICATION AS AMENDED - PART II (Column 1) (Column 1) (Column 2) (Column 2) (Column 3) SMALL ENTITY OR OTHE SMALL RATE (1) ADD: TOTAL OR ADD: TOTAL AD:	T CLAIMS If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 to small entity) for each additional 50 sheets of haction thereof. Sec 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). ENDENT CLAIM PRESENT (37 CFR 1.16(s)) ENDENT CLAIM PRESENT (37 CFR 1.16(s)) ENDENT CLAIM PRESENT (37 CFR 1.16(s)) FINDENT CLAIMS REMAINING AVER AND PRESENT (37 CFR 1.16(s)) CCOLUMN 1) (COLUMN 2) (COLUMN 2) (COLUMN 3) FREWOUSLY PRESENT (37 CFR 1.16(s)) FREWOUSLY PREVOUSLY PART (37 CFR 1.16(s)) AVER AND PART (38 CFR			

(Total or Independent) is the highest number found in the appropriate box in column 1. This collection of Information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USP TO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. neturding gathering, preparing, and submitting the completed appscalion form to the USPTO. Time will vary depending upon the individual case. Any comments an the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS WDRESS, SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1450.